

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(shimizu.in. and cannon.as. and (cartridge or print\$head or head) and "347"/\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 10:36
L3	102	(shimizu.in. and canon.as. and (cartridge or print\$head or head) and "347"/\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 10:37
L4	120	(shimizu.in. and canon.as.) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 10:38
L7	2	"4159790".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 12:32
L8	900	(liquid with supply with (hole or orifice)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 12:32
L9	31	(liquid with supply with (hole or orifice)).clm. and (347/85 or 347/86)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 12:33
L10	15	(liquid with supply with (holes or ports or orifices)).clm. and (347/85 or 347/86)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 12:33
L11	4025	347/85 or 347/86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 12:45

## EAST Search History

S3	275	347/86.ccls. and (liquid or ink or fluid) near (static or stationary or layer or layers or concentration or concentrations or variation or variations)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/07/20 12:34
S4	166	347/86.ccls. and (concentration or density) near (liquid or ink or fluid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/07/29 14:48
S5	85	347/86.ccls. and (concentration or density) near (liquid or ink or fluid) and bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/01 09:00
S6	166	347/86.ccls. and (concentration or density) near (liquid or ink or fluid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/01 09:23
S7	85	347/86.ccls. and (concentration or density) near (liquid or ink or fluid) and bubble	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/01 09:00
S8	81	S6 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/01 09:21
S9	70	"6270206" "6382783" "6402308" "6422674" "6450631" "6471343" "6505923" "6511167" "6530654" "6543886" "6550898" "6554411" "6598963" "6702427" "6709092" "6712458" "6742857" "6805434" "6824258" "20040160756" "2001270131" "2001293880"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 09:30
S11	17	347/86.ccls. ink near different near (density or densities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/01 12:15

## EAST Search History

S12	3	347/86.ccls. ink near different near (concentration or concentrations)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/02 07:21
S13	26	347/86.ccls. ink near (different or multiple or changing or change) near (concentration or concentrations or density or densities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/02 07:22
S14	26	347/86.ccls. (ink or liquid) near (different or multiple or changing or change) near (concentration or concentrations or density or densities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/02 13:10
S15	25	347/86.ccls. (ink or liquid) near (((different or multiple or changing or change) near (concentration or concentrations or density or densities)) or unstackable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/08/02 13:11
S16	140	(childers or clark) and 347/86.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 11:33
S17	217	(347/86.ccls. or 347/85.ccls.) and air near5 needle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 11:50
S18	235	(347/86.ccls. or 347/85.ccls.) and air near9 (concentration or density or mix\$3 or disturb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 12:54
S19	82	(347/86.ccls. or 347/85.ccls.) and air near9 (concentration or density or sediment\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 13:11

## EAST Search History

S20	647408	(347/86.ccls. or 347/85.ccls.) and Shimizu or Yamamoto or Koshikawa or Hatasa or Canon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 12:58
S21	1299	(347/86.ccls. or 347/85.ccls.) and (Shimizu or Yamamoto or Koshikawa or Hatasa or Canon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 12:58
S22	85	(347/86.ccls. or 347/85.ccls.) and air near5 (concentration or density or sediment\$3 or agitat\$3 or unsettl\$3 or stir\$4 or disturb\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 13:30
S23	135	(347/86.ccls. or 347/85.ccls.) and air near5 (mix\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 13:25
S24	171	(347/86.ccls. or 347/85.ccls.) and (air or bubble\$2) near5 (concentration or density or sediment\$3 or agitat\$3 or unsettl\$3 or stir\$4 or disturb\$3 or mix\$3) not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 13:42
S25	2	"20030085968"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/21 13:42
S26	2	("2003/0085968").URPN.	USPAT	AND	OFF	2005/11/21 13:42
S27	0	("6945642").URPN.	USPAT	AND	OFF	2005/11/21 13:42
S28	2	("6712458").URPN.	USPAT	AND	OFF	2005/11/21 13:43
S29	0	"4700202" "6022101" "6132036" "6135590" "6322205" "6702427" "6712458" "6742857" "20020122103" "20030071868"	USPAT	AND	OFF	2005/11/21 13:45
S30	73	"4700202" "6022101" "6132036" "6135590" "6322205" "6702427" "6712458" "6742857" "20020122103" "20030071868"	USPAT	OR	OFF	2005/11/21 13:45

## EAST Search History

S31	79	("6270206" "6382783" "6402308" "6422674" "6450631" "6471343" "6505923" "6511167" "6530654" "6543886" "6554411" "6598963" "2001270131" "2001293880" "6702427" "6709092" "6712458" "6742857" "6805434" "6824258" "20030043241" "20030234844" "20040160756")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/21 15:16
S32	53	("6270206" "6382783" "6402308" "6422674" "6450631" "6471343" "6505923" "6511167" "6530654" "6543886" "6554411" "6598963" "2001270131" "2001293880" "6702427" "6709092" "6712458" "6742857" "6805434" "6824258" "20030043241" "20030234844" "20040160756").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/21 15:22
S33	3	"2001033863"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/21 15:22
S34	2249	347/86.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2005/11/22 11:25
S35	4	("20030085968" "4159790").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 14:16
S36	1	10/718605	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/17 14:16